

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	44	((("5764430") or ("4027217") or ("5745457") or ("6026066") or ("6295261") or ("5182741") or ("6452883") or ("6317399") or ("4967286") or ("5398231") or ("5498509") or ("5608717") or ("5608718") or ("5627895") or ("5675570") or ("5688173") or ("5729533") or ("5748607") or ("5751671") or ("5781221") or ("5766495") or ("5846131") or ("5875156") or ("5915858") or ("5949752") or ("5958651") or ("5967676") or ("5997976") or ("6019151") or ("6034930") or ("6102800") or ("6104677") or ("6124011") or ("6160789") or ("6202550") or ("6264295") or ("6270176") or ("6384929") or ("6386667") or ("6403191") or ("6440248") or ("6469969") or ("6074031") or ("20020191517")).PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/04/18 11:05

## EAST Search History

S2	44	((("5764430") or ("4027217") or ("5745457") or ("6026066") or ("6295261") or ("5182741") or ("6452883") or ("6317399") or ("4967286") or ("5398231") or ("5498509") or ("5608717") or ("5608718") or ("5627895") or ("5675570") or ("5688173") or ("5729533") or ("5748607") or ("5751671") or ("5781221") or ("5766495") or ("5846131") or ("5875156") or ("5915858") or ("5949752") or ("5958651") or ("5967676") or ("5997976") or ("6019151") or ("6034930") or ("6102800") or ("6104677") or ("6124011") or ("6160789") or ("6202550") or ("6264295") or ("6270176") or ("6384929") or ("6386667") or ("6403191") or ("6440248") or ("6469969") or ("6074031") or ("20020191517"))).PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/04/18 14:49
S3	21	S2 and (rotat\$5 revol\$6) near6 (speed velocity)	US-PGPU B; USPAT	OR	ON	2006/04/18 14:48
S4	312	sawtooth near6 reflect\$6	US-PGPU B; USPAT	OR	ON	2006/04/17 16:23
S5	5	(sawtooth (saw adj tooth)) near6 (nonreflect\$6 antireflect\$6 non-reflect\$6 anti-reflect\$6 (anti non) adj reflect\$6)	US-PGPU B; USPAT	OR	ON	2006/04/17 16:23
S6	4012335	reference feature mark indicator	US-PGPU B; USPAT	OR	ON	2006/04/17 16:23
S7	2736878	detect\$4 discriminat\$4 determin\$4	US-PGPU B; USPAT	OR	ON	2006/04/17 16:23
S8	2452733	ang\$4 rotat\$4 orientat\$4	US-PGPU B; USPAT	OR	ON	2006/04/17 16:23

## EAST Search History

S9	131519	S6 same S7 same S8	US-PGPU B; USPAT	OR	ON	2006/04/17 16:24
S10	395649	(optical compact digital) adj2 (disc disk storage medium) cd dvd	US-PGPU B; USPAT	OR	ON	2006/04/17 16:24
S11	19259	S9 and S10	US-PGPU B; USPAT	OR	ON	2006/04/17 16:24
S12	12328	S7 near6 (S6 near4 S8)	US-PGPU B; USPAT	OR	ON	2006/04/17 16:24
S13	1853	S12 and S10	US-PGPU B; USPAT	OR	ON	2006/04/17 16:25
S14	155	S12 same S10	US-PGPU B; USPAT	OR	ON	2006/04/17 16:25
S15	358488	(rotat\$4 revol\$7) near6 (speed velocity tim\$3)	US-PGPU B; USPAT	OR	ON	2006/04/17 16:25
S16	41	S14 same S15	US-PGPU B; USPAT	OR	ON	2006/04/17 16:26
S17	90	S12 same S15 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/04/19 09:48
S18	1913	mold\$4 near3 (pit cone)	US-PGPU B; USPAT	OR	ON	2006/04/17 16:26
S19	45043	(nonreflect\$6 antireflect\$6 non-reflect\$6 anti-reflect\$6 (anti non) adj reflect\$6)	US-PGPU B; USPAT	OR	ON	2006/04/17 16:27
S20	0	S18 near6 S19	US-PGPU B; USPAT	OR	ON	2006/04/17 16:27
S21	2	S18 same S19	US-PGPU B; USPAT	OR	ON	2006/04/17 16:27
S22	77	S18 near6 reflect\$6	US-PGPU B; USPAT	OR	ON	2006/04/17 16:27
S23	203	(pit cone) near6 S19	US-PGPU B; USPAT	OR	ON	2006/04/17 16:27
S24	1	("6109324").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/04/17 16:28
S25	18188	mirror\$3 near4 (area region)	US-PGPU B; USPAT	OR	ON	2006/04/18 11:40
S26	312630	(rotat\$5 revol\$6) near6 (speed velocity)	US-PGPU B; USPAT	OR	ON	2006/04/18 11:40

## EAST Search History

S27	136	S25 same S26	US-PGPU B; USPAT	OR	ON	2006/04/18 11:40
S28	396265	(optical compact digital) adj2 (disc disk storage medium) cd dvd	US-PGPU B; USPAT	OR	ON	2006/04/18 11:06
S29	31	S27 and S28	US-PGPU B; USPAT	OR	ON	2006/04/18 11:41
S30	19	S27 same (disc disk wheel)	US-PGPU B; USPAT	OR	ON	2006/04/18 11:41
S31	270210	(ang\$4 rotat\$4 orientat\$4) near6 (reference feature mark indicat\$2)	US-PGPU B; USPAT	OR	ON	2006/04/18 11:42
S32	156	S25 same S31	US-PGPU B; USPAT	OR	ON	2006/04/18 11:42
S33	16	S32 and ("347" "360" "369"). clas.	US-PGPU B; USPAT	OR	ON	2006/04/18 11:46
S34	27	(S32 and S28) not S33	US-PGPU B; USPAT	OR	ON	2006/04/18 11:46
S35	170049	(ang\$4 rotat\$4 orient\$6) near6 (mark reference feature indicator pit)	US-PGPU B; USPAT	OR	ON	2006/04/18 14:54

## EAST Search History

S36	44	((("5764430") or ("4027217") or ("5745457") or ("6026066") or ("6295261") or ("5182741") or ("6452883") or ("6317399") or ("4967286") or ("5398231") or ("5498509") or ("5608717") or ("5608718") or ("5627895") or ("5675570") or ("5688173") or ("5729533") or ("5748607") or ("5751671") or ("5781221") or ("5766495") or ("5846131") or ("5875156") or ("5915858") or ("5949752") or ("5958651") or ("5967676") or ("5997976") or ("6019151") or ("6034930") or ("6102800") or ("6104677") or ("6124011") or ("6160789") or ("6202550") or ("6264295") or ("6270176") or ("6384929") or ("6386667") or ("6403191") or ("6440248") or ("6469969") or ("6074031") or ("20020191517"))).PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/04/18 14:49
S37	16	S35 AND S36	US-PGPU B; USPAT	OR	ON	2006/04/18 14:54
S38	34	("4202631"   "4270863"   "4393386"   "4579455"   "4691231"   "5181081"   "5317337"   "5518325"   "5542768"   "5724197"   "5781221"   "5797688"   "5846632"   "5854175").PN. OR ("5967676").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/04/18 15:34
S39	26	("3701130"   "4000510"   "4016603"   "4087842"   "4094013"   "4106058"   "4142209"   "4504873"   "4535439"   "4556966").PN. OR ("4884259").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/04/18 15:44

### EAST Search History

S40	1	("6109324").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/04/18 16:06
S41	1	10/661722.app.	US-PGPU B; USPAT	OR	ON	2006/04/18 16:07
S42	28	aihara-kenichi\$.in.	US-PGPU B; USPAT	OR	ON	2006/04/19 09:50
S43	3	S42 and label	US-PGPU B; USPAT	OR	ON	2006/04/19 09:50